

Student: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

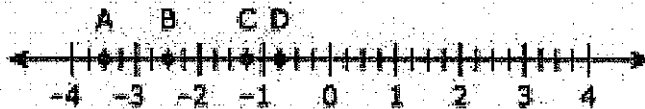
PARCC Review  
HW - 1

1. Select each expression that is equivalent to  $4(n+5)$ .

Select **all** that apply.

- A.  $4n + 5$
- B.  $4n + 20$
- C.  $(n - 5)4$
- D.  $2n + 5 + 2n + 15$
- E.  $5(n+5) - (n+5)$

2. This number line shows four points.

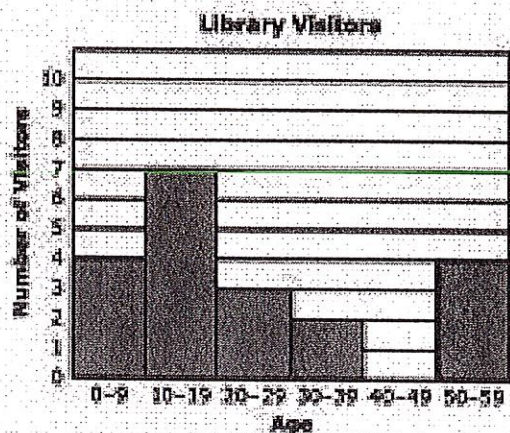


Which point is located at  $-\frac{3}{4}$ ?

- A. Point A
- B. Point B
- C. Point C
- D. Point D

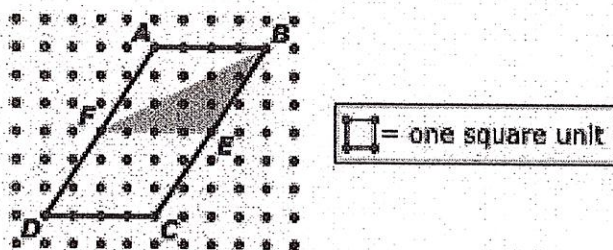
3. Thomas buys a case of bottled water. A case contains 36 bottles of water and costs \$4.69. Thomas will sell each bottle of water for \$0.75 at a school event.
- How much profit will Thomas earn if he sells all the bottles of water?

How many visitors were surveyed?



Use the image below for questions 5 and 6.

An advertising company is designing a new logo that consists of a shaded triangle inside a parallelogram.



What is the area, in square units, of parallelogram ABCD?

Show your work on your answer sheet.

6. In the new logo, what fraction of the parallelogram is shaded?

A.  $\frac{1}{12}$

B.  $\frac{1}{6}$

C.  $\frac{1}{4}$

D.  $\frac{1}{3}$